

Program, version of October 2, 2026

Monday, October 12		
08:45–09:30	Arrival	
9:30–10:00	Welcome with Pretzels	
10:00–10:35	Hoffmann, Felix	Mesoscopic Surface Effects via Feibelman Parameters and their Rational Approximation
10:35–11:10	Gatzke, Lea	Modeling of Electron Propagation in Electromagnetic Fields with Applications to Electron Microscopes
11:10–11:40	Break	
11:40–12:15	Hochbruck, Marlis	Boris-type exponential integrators for charged-particle dynamics in strong magnetic fields
12:30–13:30	Lunch	
13:30–15:00	Discussions, other activities	
15:00–15:30	Coffee Break	
15:30–16:05	Quitter, Carl	Phase space Hagedorn wave packets
16:05–16:40	Azocar Dannemann, Francisca	A Time Integrator for the Semilinear Klein-Gordon Equation with Highly Oscillatory Solutions
16:40–17:10	Break	
17:10–17:45	Philipp, Johanna	Analytical Approximation of Nonlinear Friedrichs Systems by Modulated Fourier Expansions
17:45–18:20	Lück, Tino	Towards multilevel numerical homogenization for long-time wave phenomena
18:30–19:30	Dinner	

Tuesday, October 13		
07:30–09:30	Breakfast	
09:30–10:05	Dörich, Benjamin	Bulk-surface Splitting for Wave Systems with Acoustic Boundary Conditions
10:05–10:40	Mühlhäuser, Dustin	A Scale-Bridging Time Discretization Scheme for the Acoustic Wave Equation
10:40–11:10	Break	
11:10–11:55	Holten, Joseph	A hybridizable discontinuous Galerkin method for wave propagation in elastic beam networks
11:45–12:20	Hauck, Moritz	High-order guaranteed lower eigenvalue bounds for Schrödinger operators
12:30–13:30	Lunch	
13:30–18:30	Hike	
18:30–19:30	Dinner	

Wednesday, October 14		
07:30–09:30	Breakfast, Checkout	
09:30–10:05	Buchholz, Tim	On a discrete Saint-Venant principle
10:05–10:40	Grimm, Volker	Error bounds for truncated Faber series of φ -functions
10:40–11:10	Break	
11:10–11:45	Cao, Jiachuan	Second-Order Exponential Integrators for Low-Regularity Wave Equations via Strichartz Estimates
11:45–12:20	Ruff, Maximilian	Improved error estimates for low-regularity integrators in higher dimensions
12:30–13:30	Lunch	
13:30	Departure / Hike	